

## **PUBLIC NOTICE**

**APPLICANT:** TDOT

505 Deadrick Street  
Suite 900 James K Polk Bldg.  
Nashville, TN 37243-0339  
(615) 253-2477

**PERMIT APPLICATION:** NRS #06.095

**LOCATION:**

SR 63, Log Mile 14.40  
Site Lat.36.5458° Long. -88.2280°  
North of Sneedville, Hancock County

**WATERSHED DESCRIPTION:** The project is located in the Upper Clinch Watershed (HUC 06010205). Two streams, unnamed tributaries to the Greasy Rock Creek are being impacted. Both unnamed tributaries are spring fed. Stream 1 flows from the northwest to southeast of SR 63, has a forested canopy upstream with gravel substrate from SR 63. Downstream from SR63 the stream has no canopy. Stream 2 flows alongside SR 63, has minimal canopy with soil substrate. Stream1 has been encapsulated under SR 63 and a private drive. Stream 2 has been encapsulated under a private drive. Located in the loop between the northern and southern portions of the road segment (near the Maxey family cemetery), is a wet area where springs and seeps surface from the hillside. Greasy Rock Creek has been assessed as impaired for habitat loss in stream and streamside from land development and for *E. coli* from livestock. Land use surrounding the project area is residential and forested mountains. USGS Topo Quad: Sneedville, TN (170-SW)

**PROJECT DESCRIPTION:** This application is for aquatic resource alterations along a 0.167-mile segment of SR 63. The work is being conducted to repair a slide, two streams are being partially encapsulated and one wet area will be filled by a rock buttress.

Proposed for Stream 1, Station 500+00 (Rt) to Station 501+22 (Lt) is the removal and replacement of the existing crossings. For the private driveway crossing of stream 1, 41 ft of 36in diameter pipe is proposed with an 8ft catch basin on the inlet and 30' of riprap transition at the outlet. For the SR 63 crossing, 53ft of 48"pipe with an 8ft catch basin, 20ft wingwall with grate, 30ft of rip rap at the inlet and 40ft of riprap at the outlet are proposed. For stream 1 total encapsulation is 130 ft and total riprapping is 100ft.

Proposed for Stream 2, Stations 501+00(Lt) to Station 502+25 (Lt), The spring feeding this stream will have flow diverted into the rock buttress proposed at station 501+73 by using a French Drain, to consist of a 10 ft, 12inch perforated pipe encased in gravel with 30ft of riprap at the outlet. Flow from the rock buttress will be diverted into a proposed 30ft-18inch pipe proposed for the private drive with 25ft of riprap on the inlet and 30ft of riprap on the outlet. Total encapsulation is 40ft, total riprapping is 55ft.

Surface water impacts between Stations509+00(Lt) to Station 510+35.00(Lt), spring and seep flow captured with a rock buttress. An 18" perforated pipe encased in gravel is to link flow from this rock buttress to another rock buttress at the bottom of the slope

between Stations 501+73(Lt) and Station 504+00. The rock buttresses are to capture flow and divert it to a concentrated point (the 18" pipe). TDOT has proposed mitigation at a 2:1 ratio in the Shady Valley Wetland Bank for the 1.06 acres surface water impacts, a total of 2.12 credits.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the Division has determined that the proposed activity will not result in degradation to the streams described above.

**PERMIT COORDINATOR:** Judy Manners

**PHOTOS:**



Photos 1 and 2 Road slide into area with springs and seeps



Photo .3 and 4- Stream 1 downstream and upstream of SR 63





Photo 5 and 6- Stream 2 at private drive and confluence with Stream 1



Photo 7 and 8-Spring near Station 510 Left



Photo 9 and 10-Stream/Spring Station 511 Left



Photos 11 and 12-Water being conveyed to seep/stream Station 510+50 Right

Index Of Sheets  
 SEE SHEET NO. 14 FOR INDEX

STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION  
 BUREAU OF ENGINEERING

**HANCOCK COUNTY**

SR 631 SLIDE REPAIR NEAR L.M. 14.40

**CONSTRUCTION**

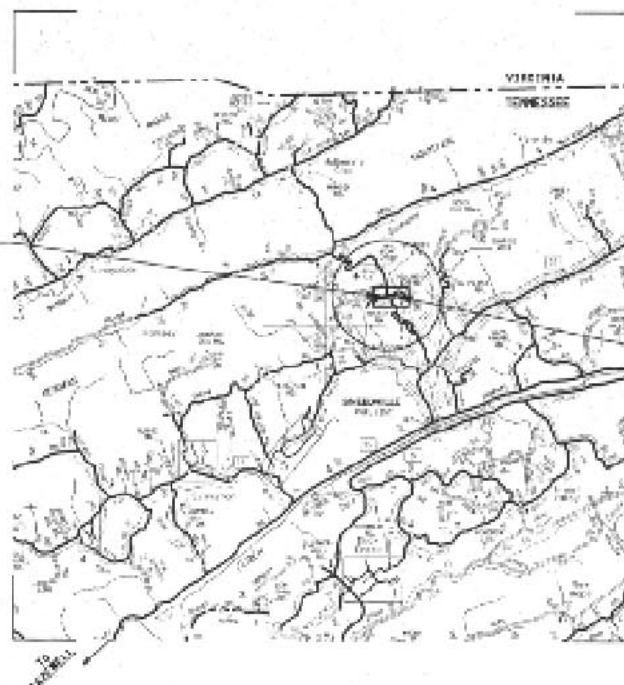
STATE HIGHWAY NO. 63 P.L.A.P.S. NO. 63

TEEN.	
1000000000	
1000000000	
1000000000	



0 1 MI 2 MI 3 MI  
 SCALE 1" = 1 MILE

BEGIN PROJECT NO. 34037-4222-04  
 STA. 500+00.00 (CONST.)



NO EQUATIONS  
 EXCLUSION: STA. 505+50.00  
 TO STA. 507+20.00 (CONST.)

END PROJECT NO. 34037-4222-04  
 STA. 510+50.00 (CONST.)

**SPECIAL NOTES**

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES  
 CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW  
 THE REASONABLE UNIT MARKET VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE  
 TENNESSEE DEPARTMENT OF TRANSPORTATION DATED MARCH 1, 2004 AND ADDITIONAL  
 SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN  
 THE PROJECT CONTRACT.

TOOT ROAD OF. ST. 2. HANCOCK COUNTY

DESIGNED BY: ETC. NO. 508 CHECKED BY: ETC. NO. 508

P.L.A. NO. 34037-4222-04

ROADWAY LENGTH 0.167 MILES  
 BRIDGE LENGTH 0.000 MILES  
 BOX BRIDGE LENGTH 0.000 MILES  
 PROJECT LENGTH 0.167 MILES

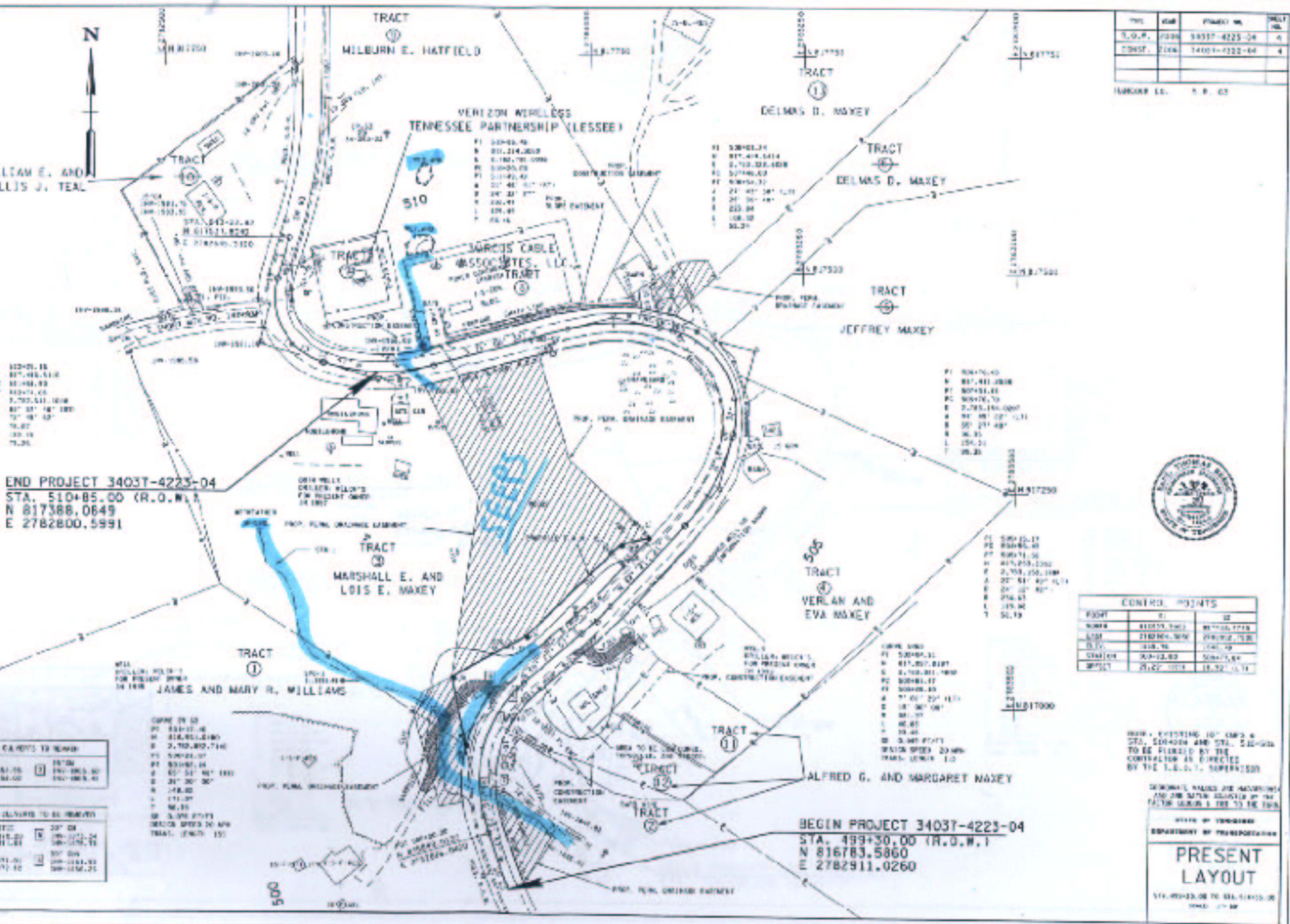
ORIGINAL SURVEY MAY 2005  
 ADDITIONAL SURVEY NOVEMBER 2005

TRAFFIC DATA	
ADT (2005)	100
ADT (2008)	100
ADT (2010)	100
ADT (2012)	100
ADT (2014)	100
ADT (2016)	100
ADT (2018)	100
ADT (2020)	100

APPROVED: [Signature]  
 DATE: [Date]  
 APPROVED: [Signature]

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 OFFICE OF THE ASSISTANT SECRETARY FOR TECHNICAL ASSISTANCE





TYPE	YEAR	PROJECT NO.	SHEET NO.
S.O.P.	2004	34037-4223-04	4
CONST.	2004	34037-4223-04	4

HARBOUR L.D. S. R. 03



CONTROL POINTS		
POINT	E	N
1	816783.5860	2782911.0260
2	816783.5860	2782911.0260
3	816783.5860	2782911.0260
4	816783.5860	2782911.0260
5	816783.5860	2782911.0260
6	816783.5860	2782911.0260
7	816783.5860	2782911.0260

WORK EXISTING 10' CANAL & STA. 504+00.00 AND STA. 510+00.00 TO BE FURNISHED BY THE CONTRACTOR AS DIRECTED BY THE S.O.P. SUPERVISOR

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

**PRESENT LAYOUT**

STA. 504+00.00 TO STA. 510+00.00  
SHEET 4 OF 4

BEGIN PROJECT 34037-4223-04  
STA. 499+30.00 (R.O.M.)  
N 816783.5860  
E 2782911.0260

END PROJECT 34037-4223-04  
STA. 510+85.00 (R.O.M.)  
N 817388.0649  
E 2782800.5991

CARETS TO REMAIN	
1	10' DIA.
2	10' DIA.
3	10' DIA.
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5	10' DIA.
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CARETS TO BE REMOVED	
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20	10' DIA.



